



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
02/389,841	09/03/99	SVENSSON	L 18036-12

MARC E BROWN  
OFFENHEIMER WOLFF & DONNELLY LLP  
2029 CENTURY PARK EAST  
SUITE 3800  
LOS ANGELES CA 90067-3024

0242/0923

NOT ASSIGNED

2871

**DATE MAILED:**

09/23/99

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
***Filing Date Granted***

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the **SURCHARGE** set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☒ non-small entity is \$ 2720.00.

- ☒ 1. The statutory basic filing fee is:

☒ missing.

☐ insufficient.

**Applicant must submit \$\_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).**

- ☒ 2. The following additional claims fees are due:

\$ 972.00 for 54 total claims over 20.

\$ 858.00 for 11 independent claims over 3.

\$\_\_\_\_\_ for multiple dependent claim surcharge.

***Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.***

- ☒ 3. The oath or declaration:

☒ is missing or unsigned.

☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1. 63, including residence information and identifying the application by the above Application Number and Filing Date.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

- ☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

- ☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

- ☐ 6. A \$50.00 processing fee is required since your check was returned.
- ☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

- ☐ 8. The application was filed in a language other than English.

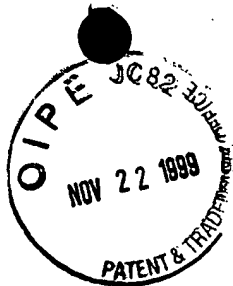
*The application was filed in a language other than English.  
Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).*

- ☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

***A copy of this notice MUST be returned with the reply.***

Customer Service Center  
Initial Patent Examination Division (703) 308-1202



sector  
#3

**PATENT**  
**Attorney Docket No. 18036-12**

**CERTIFICATE OF MAILING**

I hereby certify that on November 17, 1999, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage in an envelope addressed to Assistant Commissioner for Patents, Attention: BOX MISSING PARTS, Washington, D.C. 20231. 37 CFR 1.8(a) ☒ with sufficient postage as first class mail

Jessica S. Brown

(Type or print name of person mailing paper)

*Jessica S. Brown*  
(Signature of person mailing paper)

**Serial No. 09/389,841**

**Filed: September 3, 1999**

**Title: POWER-EFFICIENT, PULSED  
DRIVING OF CAPACITIVE LOADS  
TO CONTROLLABLE VOLTAGE  
LEVELS**

**Applicants: Svensson, Lars G. et al.**

**Group Art Unit No.: 2871**

**Examiner: Not known**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Assistant Commissioner for Patents  
Attention: BOX MISSING PARTS  
Washington, D.C. 20231

**RESPONSE TO**  
**NOTICE TO FILE MISSING PARTS OF APPLICATION**

Sir:

This is in response to the Notice to File Missing Parts of Application, mailed on September 23, 1999. A copy of "Part 2 – Copy to Be Returned with Response" is enclosed with this response.

**FILING FEES**

The required small entity filing fee of \$380, plus \$915 for 54 total claims over 20 and 11 independent claims over 3, is enclosed.

**SURCHARGE**

The required small entity surcharge of \$65.00 is enclosed.

**DECLARATION, SMALL ENTITY STATEMENT, POWER OF ATTORNEY**

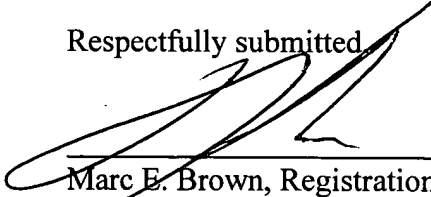
The required Declaration, Small Entity Statement – Nonprofit Organization, and Power of Attorney are enclosed.

**COPY OF ASSIGNMENT**

A copy of the Assignment documents being filed contemporaneously with these documents is enclosed.

Respectfully submitted,

Dated: November 16, 1999

  
\_\_\_\_\_  
Marc E. Brown, Registration No. 28,590  
Attorney for Applicant

**OPPENHEIMER WOLFF & DONNELLY LLP**

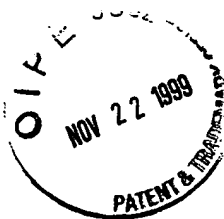
2029 Century Park East, Suite 3800  
Los Angeles, CA 90067  
Telephone: (310) 788-5000  
Facsimile: (310) 788-5100

OPPENHEIMER WOLFF & DONNELLY LLP

2029 Century Park East  
Suite 3800  
Los Angeles, CA 90067-3024

(310) 788-5000  
FAX (310) 788-5100

Direct Dial: (310) 788-5032  
E-Mail: mbrown@owdlaw.com



November 16, 1999

**COPY**  
original  
mailed to  
BOX  
ASSIGNMENT

Box Assignment  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Re: BTG International Inc.  
U.S. Patent Application Serial No. 09/389,841  
Filed: September 3, 1999  
BTG Ref.: 182224.182812/US  
USC Ref.: 2612  
Our Client/Matter No.: 18036-12

Subject: Recordation of Assignment

Firm/Affiliate Offices  
Amsterdam  
Brussels  
Chicago  
Geneva  
Los Angeles  
Minneapolis  
New York  
Orange County  
Paris  
Saint Paul  
Silicon Valley  
Washington, D.C.  
www.owdlaw.com

Dear Sir:

Enclosed for recordation is an Assignment with the following particulars:

Assignors: Lars G. Svensson; William C. Athas; Rajat K. Lal  
Assignee: Path 1 Network Technologies, Inc.  
Title: POWER-EFFICIENT, PULSED DRIVING OF CAPACITIVE  
LOADS TO CONTROLLABLE VOLTAGE LEVELS  
Serial No.: 09/389,841  
Type of Assignment  
Transfer:

Our check in the amount of \$40.00 for the recordation fee is submitted herewith.

In the event there are additional recordation charges, please charge Deposit Account No. 16-2230 of OPPENHEIMER WOLFF & DONNELLY LLP. A duplicate of this letter is enclosed for charging purposes.

Please return the recorded assignment to the undersigned.

Very truly yours,

  
Marc E. Brown  
OPPENHEIMER WOLFF & DONNELLY LLP

MEB/jsb  
Enclosures

OPPENHEIMER WOLFF & DONNELLY LLP

2029 Century Park East  
Suite 3800  
Los Angeles, CA 90067

17-2

910

018861

Date 11/16/99

Amount

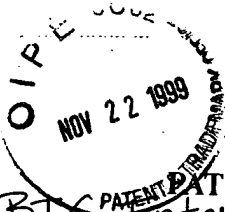
\*\*\* \*\* 40.00

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To The  
Order Of COMMISSIONER OF PATENTS  
AND TRADEMARKS

usbank.

⑈018861⑈ ⑆091000022⑆ 173102131377⑈



Client Name & Docket No. BTG International Inc. - 18036-12  
Title: POWER-EFFICIENT, PULSED DRIVING...  
Applicant: \_\_\_\_\_  
Ser.# / Pat.# \_\_\_\_\_ Filing Date: \_\_\_\_\_

Please acknowledge receipt of:

- |   |   |
|---|---|
| <input type="checkbox"/> Application having _____ pages of specification and claims, and _____ sheets of drawings, FIG(S) _____ | <input type="checkbox"/> Preliminary Amendment              |
| <input type="checkbox"/> Declaration / Oath   | <input type="checkbox"/> Request for Priority and Pri. Doc. |
| <input type="checkbox"/> Power of Attorney  | <input type="checkbox"/> Reply to Office Action             |
| <input type="checkbox"/> Small Entity Statement   | <input type="checkbox"/> Request for Ext. of Time           |
| <input type="checkbox"/> Check # _____  | <input type="checkbox"/> Check # _____                      |
| <input checked="" type="checkbox"/> Patent Assignment Cover Sheet   | <input type="checkbox"/> Amendment After Final Rejection    |
| <input checked="" type="checkbox"/> Assignment  | <input type="checkbox"/> Request for Ext. of Time           |
| <input checked="" type="checkbox"/> Check # <u>18861 - \$40</u>   | <input type="checkbox"/> Check # _____                      |
| <input type="checkbox"/> Letter   | <input type="checkbox"/> Corrected Drawings                 |
| <input type="checkbox"/> Information Disclosure Statement   | <input type="checkbox"/> Issue Fee Transmittal              |
| <input type="checkbox"/> Form PTO-1449 & Refer.   | <input type="checkbox"/> Check # _____                      |
| <input type="checkbox"/> Certification  | <input type="checkbox"/> Other _____                        |
| <input type="checkbox"/> Petition   | <input type="checkbox"/> Maintenance Fee Transmittal Form   |
| <input type="checkbox"/> Check # _____  | <input type="checkbox"/> Check # _____                      |
| Mailed <u>11/17/99</u>  | <input type="checkbox"/> Cert. of Mailing                   |
|   | By <u>MBrown (JBrown)</u>                                   |

## RECORDATION FORM COVER SHEET

Docket No. 18036-12 PATENTS ONLY

To the Hon. Commissioner of Patents &amp; Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Lars G. SVENSSON, William C. ATHAS, Rajat K. LALAdditional name of conveying party attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: November 15, 1999

2. Name and address of receiving party(ies)

Name University of Southern CaliforniaInternal Address: Patent and Copyright Administration  
OfficeStreet Address: 3716 South Hope Street, Suite 313City: Los Angeles State California ZIP 90007-4344Additional name(s) and address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers:

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) Serial No. 09/389,841, filed September 3, 1999

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address party to whom correspondence concerning document should be mailed:

Name Marc E. Brown, Esq.Internal Address: 38th FloorStreet Address 2029 Century Park EastCity: Los Angeles State CA ZIP 900676. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$40.00☒ Enclosed☒ Any discrepancy or overpayment is authorized to be charged to deposit account

8. Deposit Account number:

16-2230

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Marc E. Brown, Esq. Reg. No. 28,590

Name of Person Signing

Signature

November 17, 1999

Date

Total number of pages including cover sheet, attachments, and document: 11